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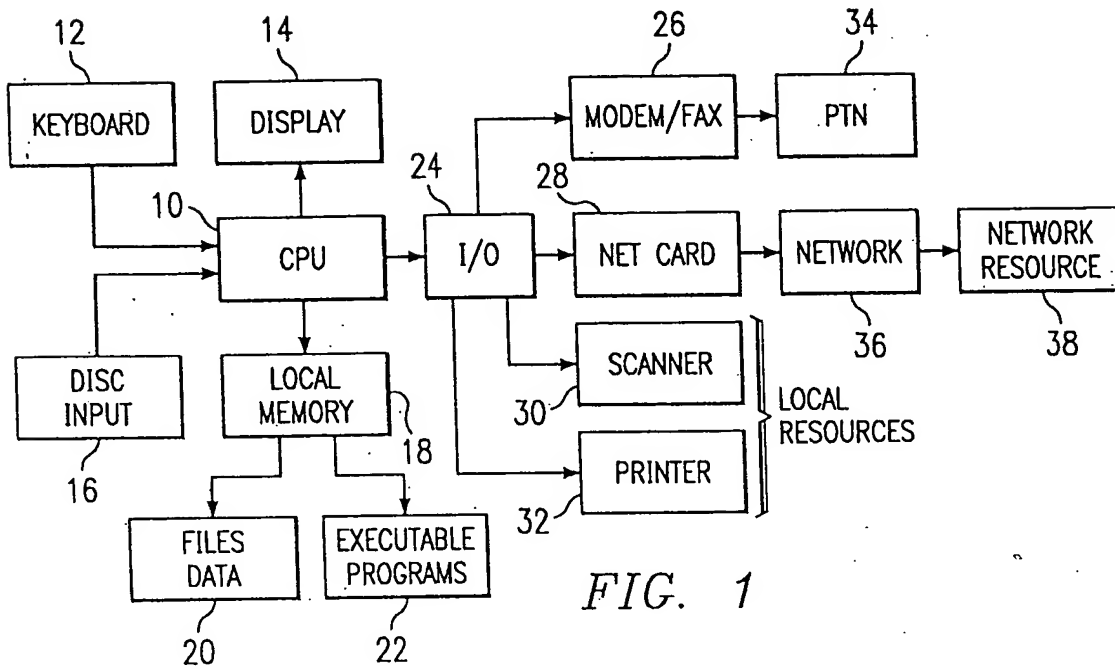


FIG. 1

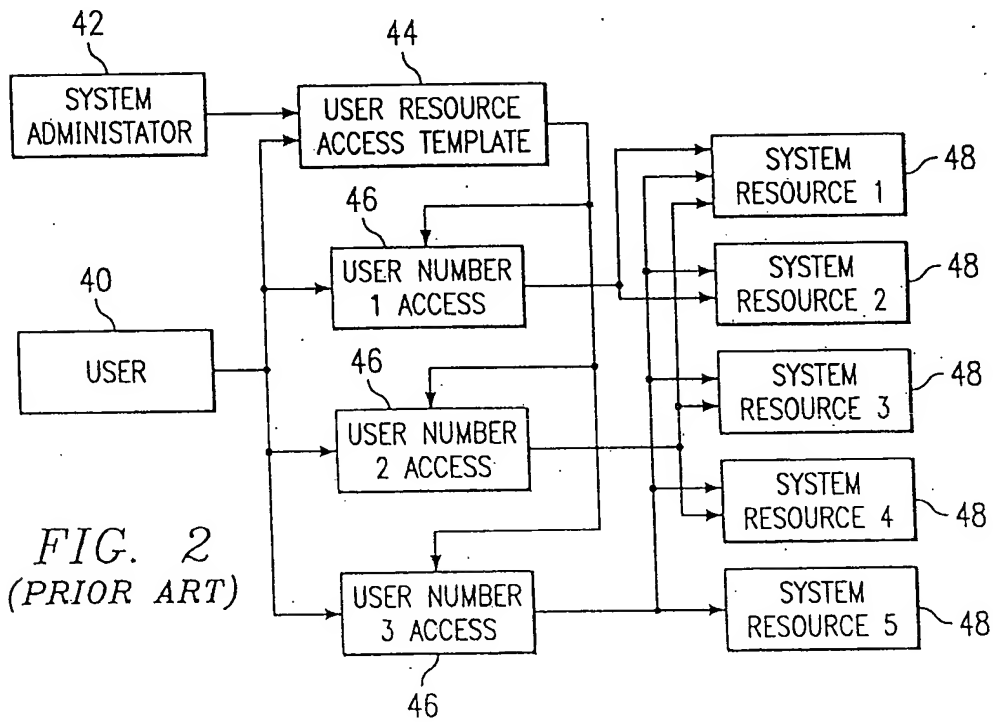
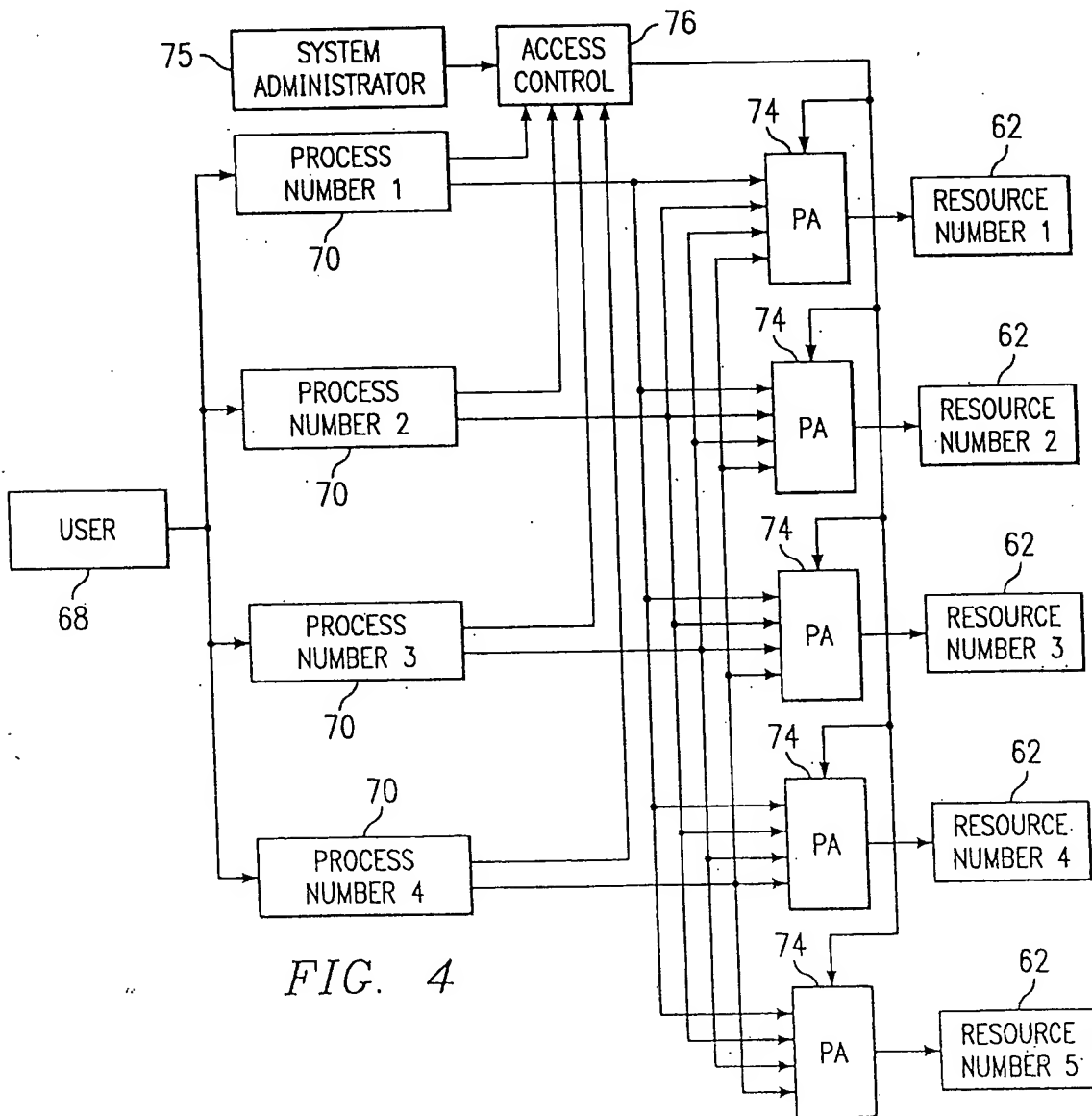
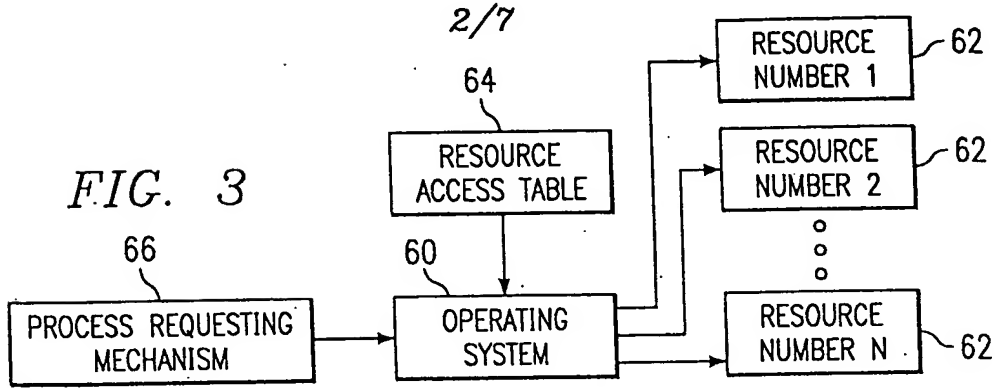
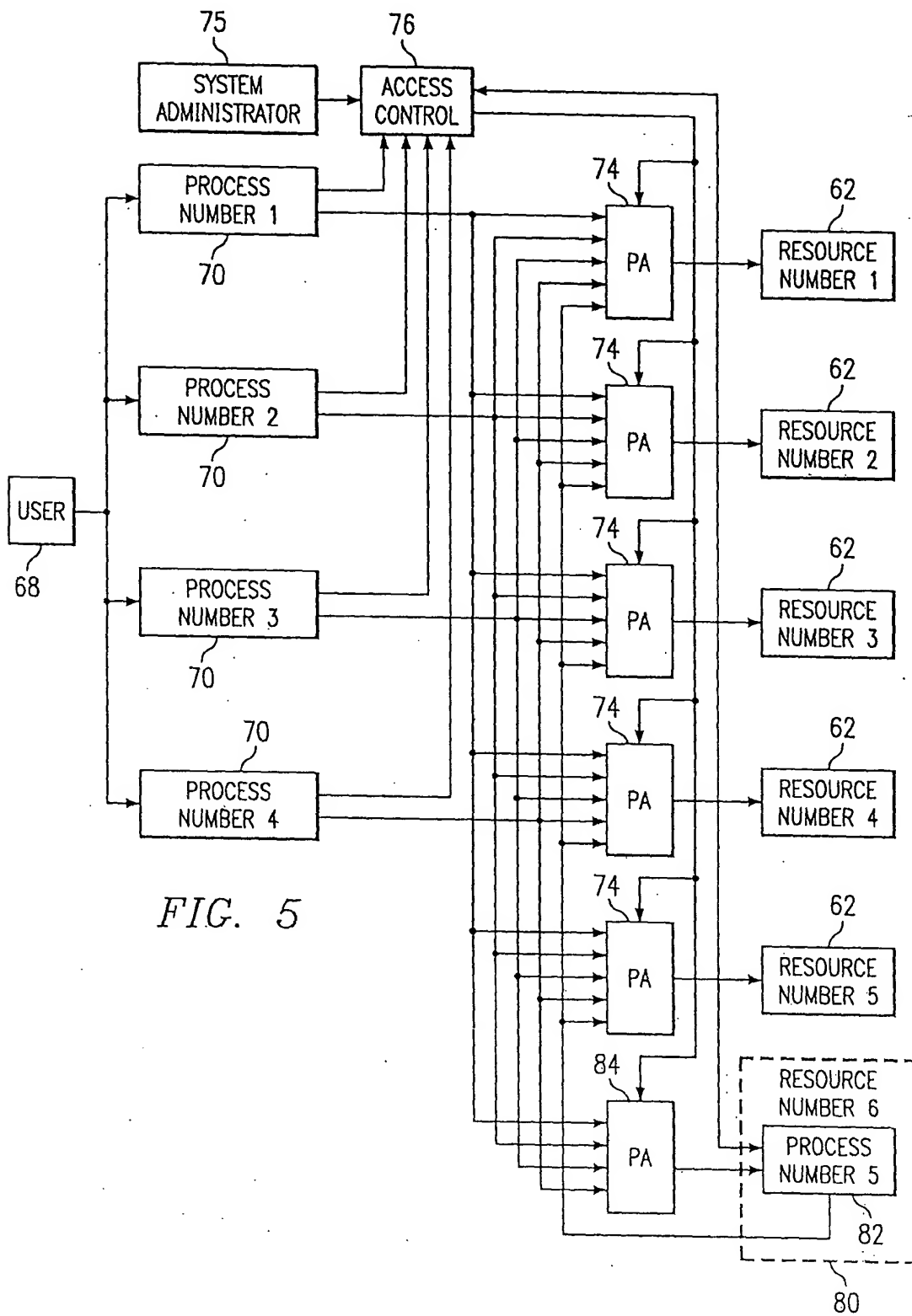


FIG. 2  
(PRIOR ART)

FIG. 3





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FIG. 6

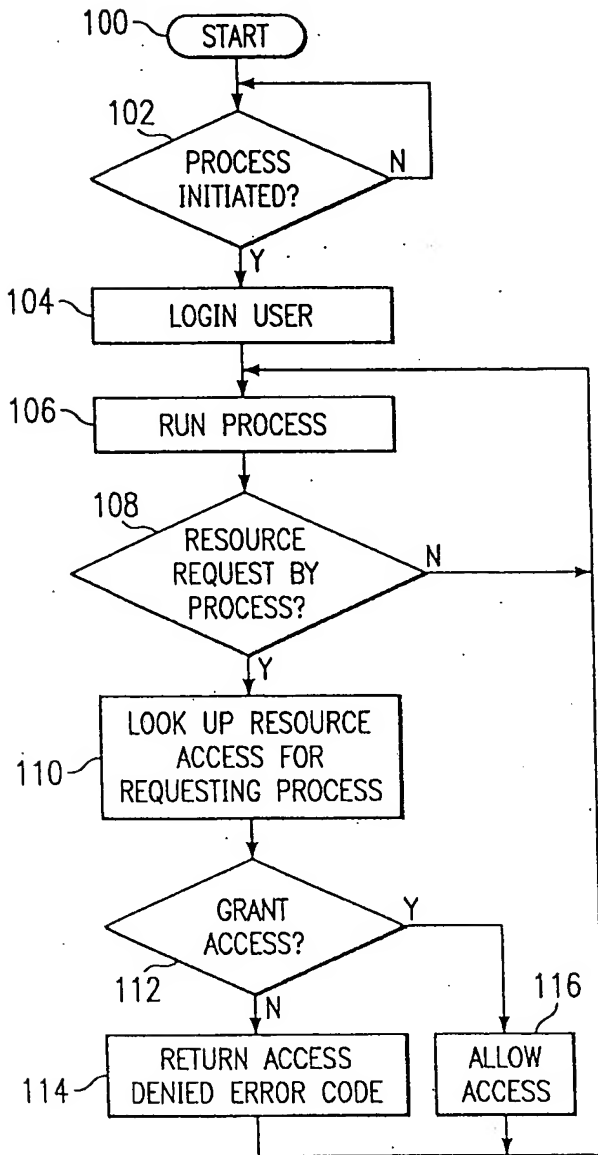
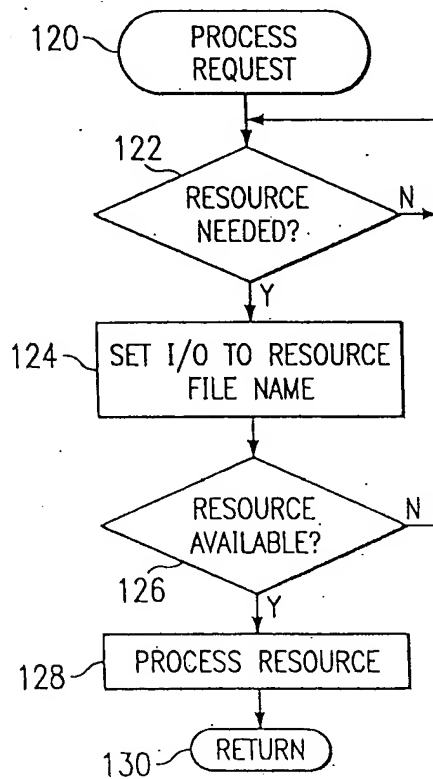
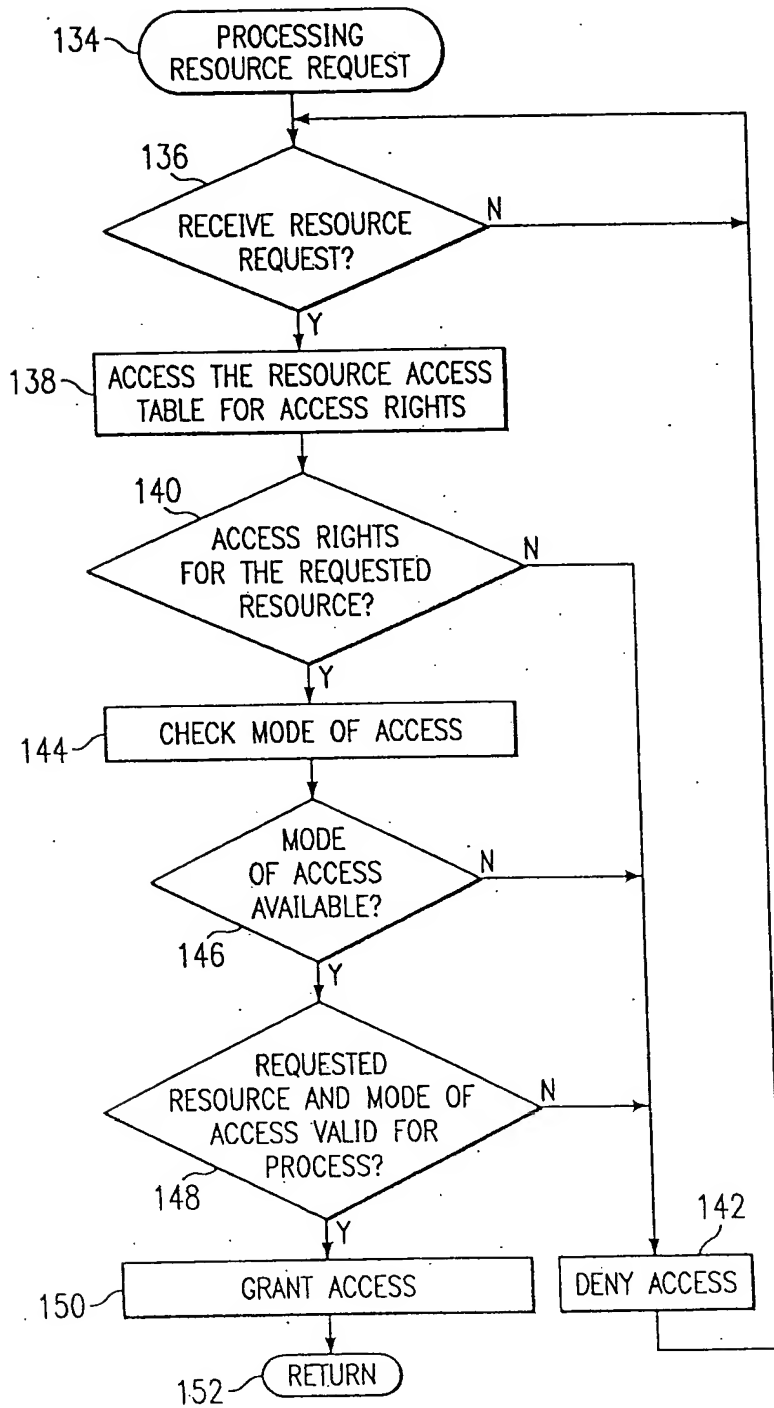


FIG. 7



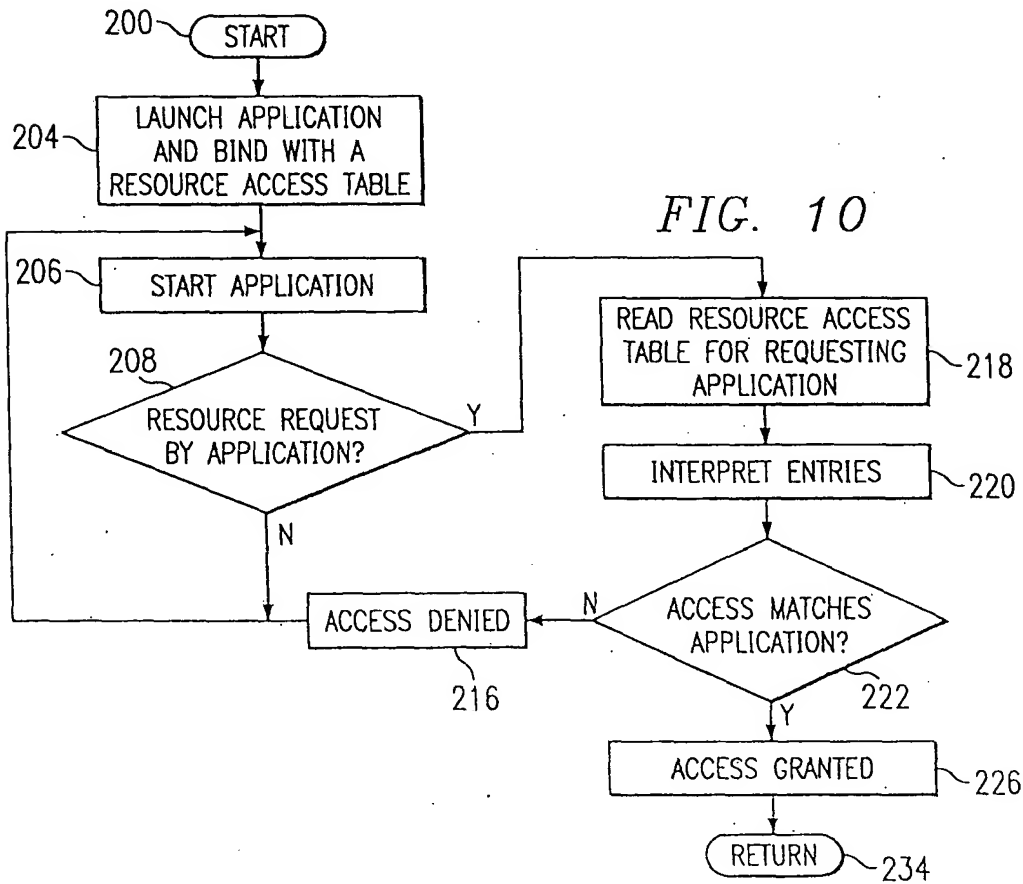
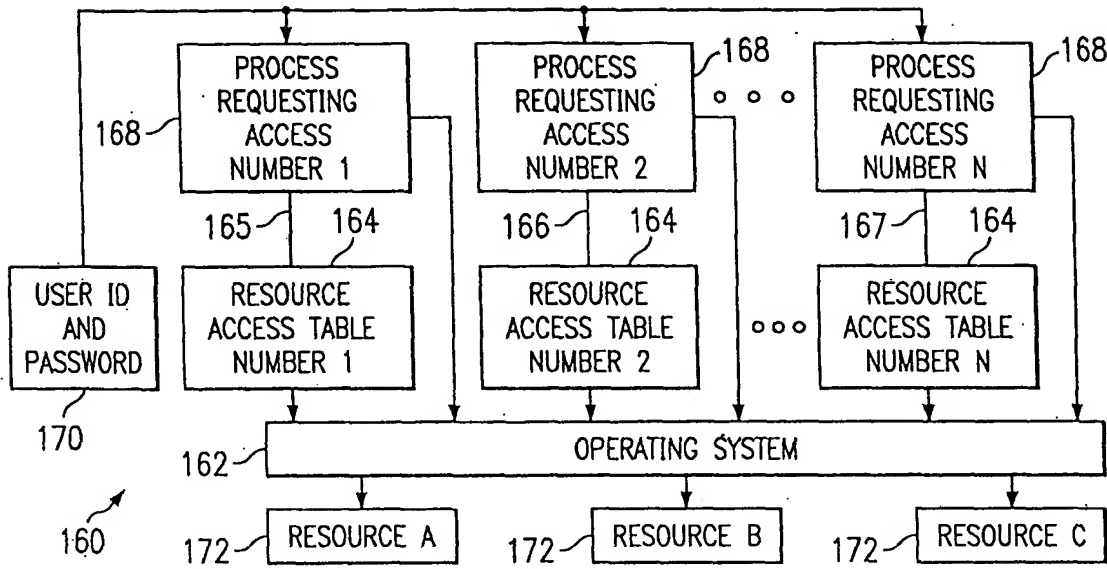
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FIG. 8



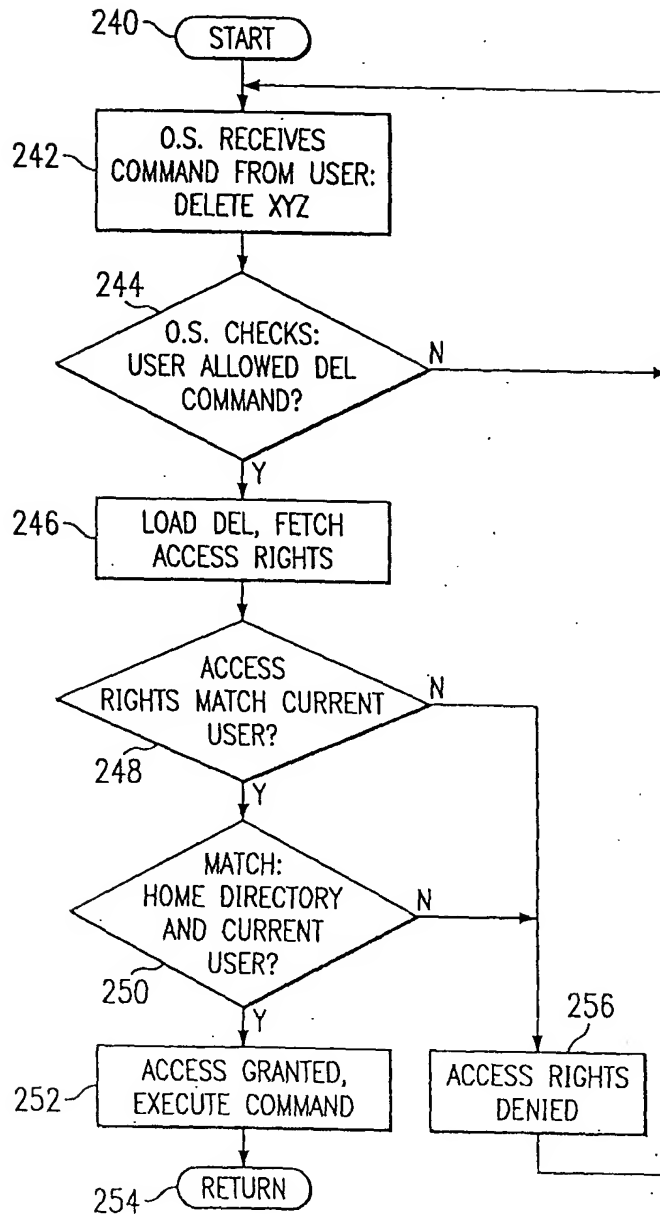
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FIG. 9



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FIG. 11



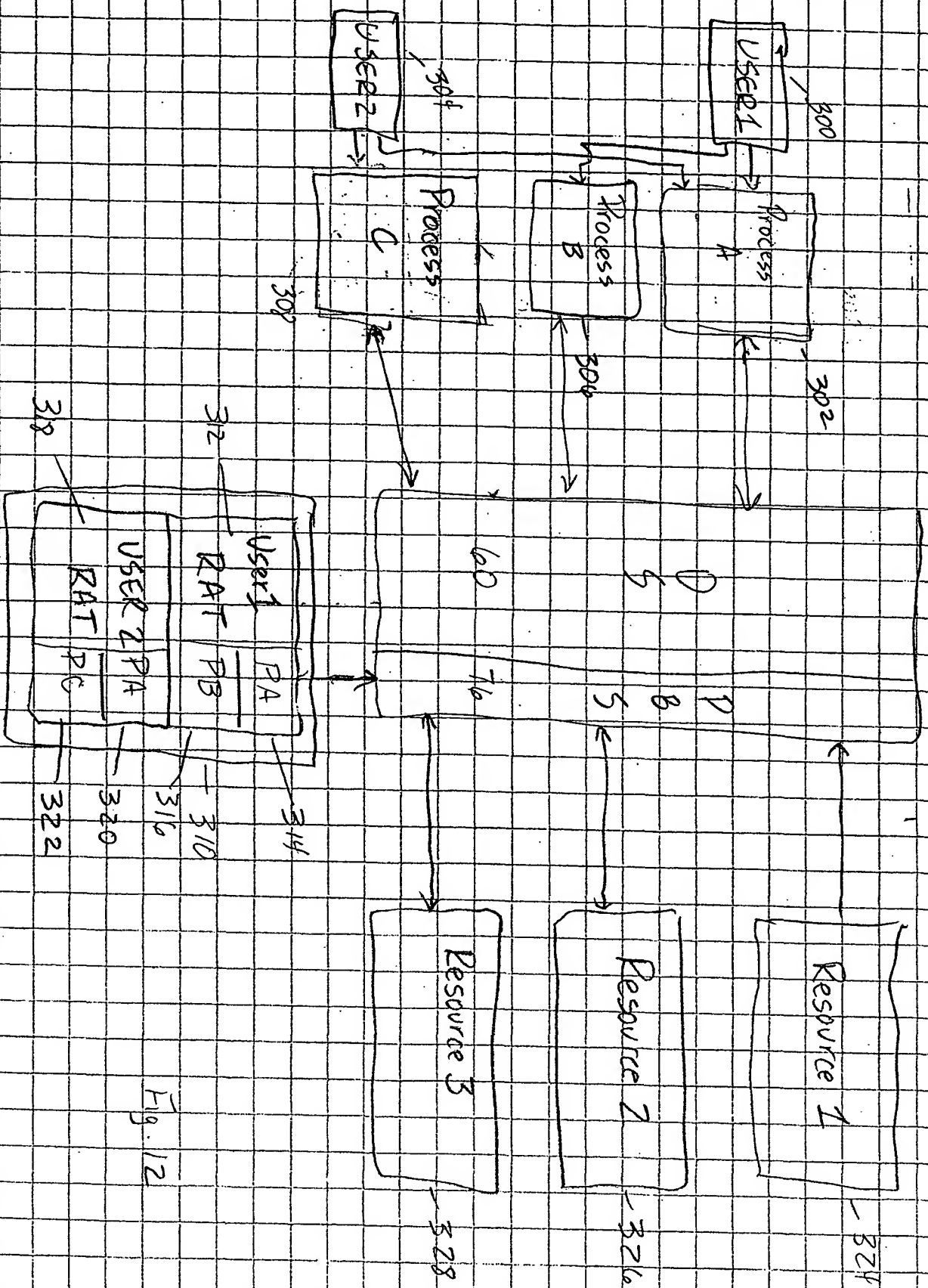


Fig. 12

Figure 12

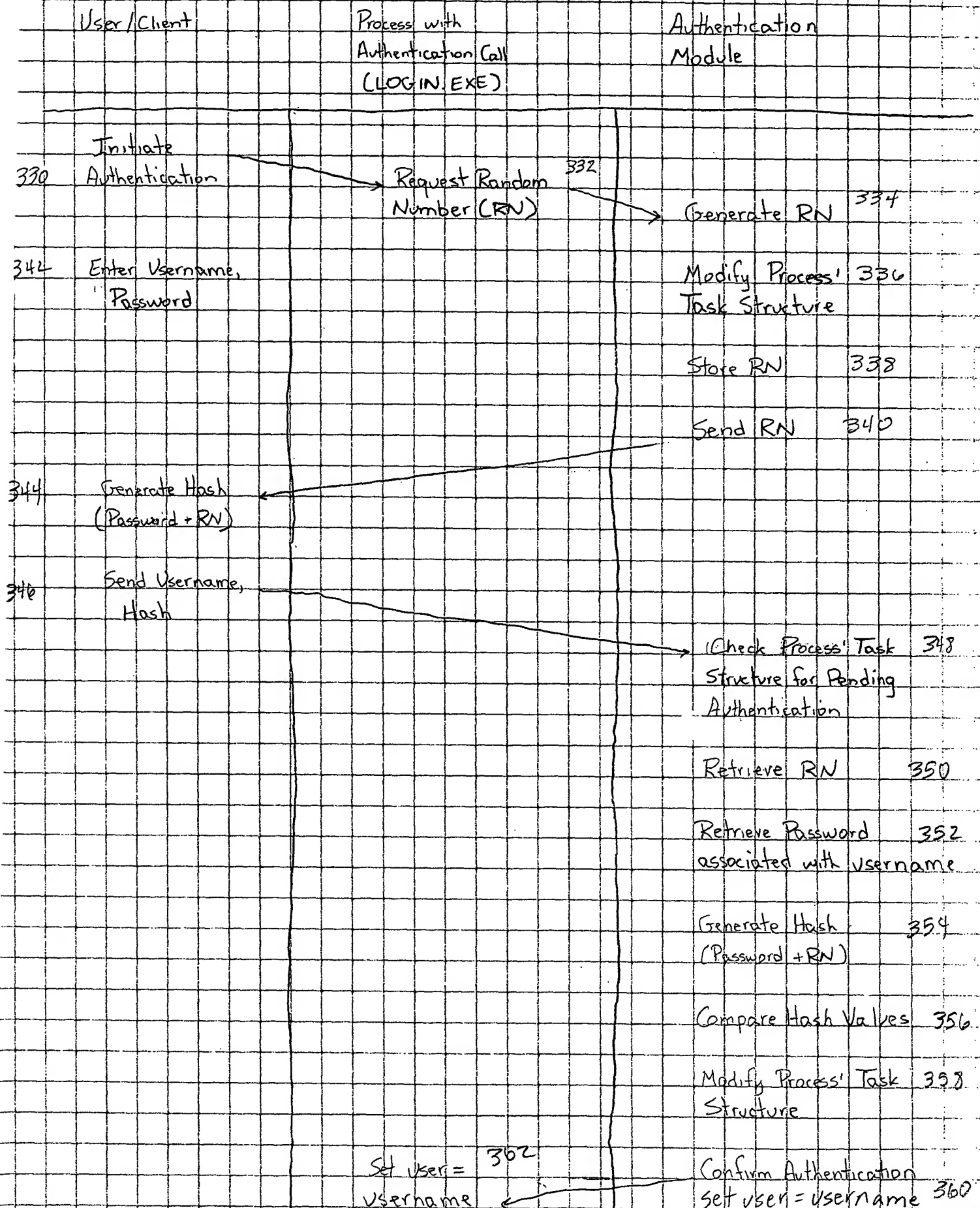
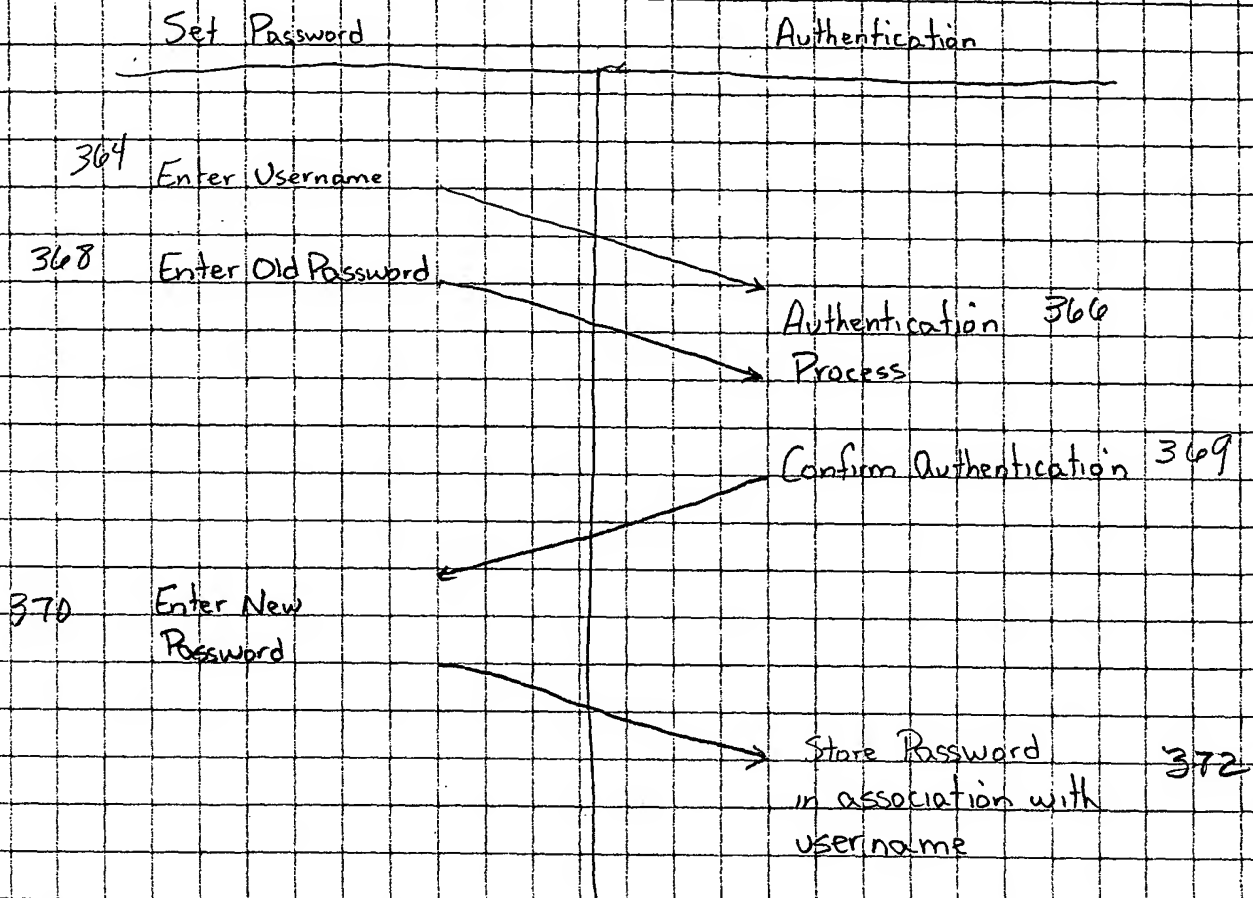


Figure 14



## Key Exchange

Client

Server

374 Request Key Exchange  
 375 Send Username  
 377 Enter Password (PW)

Modify Task Structure 376

Generate RN1 378

Send RN1 380

382 Calculate hash  
 $H(PW, RN1)$

Retrieve Password (PW) 382  
 associated with username

calculate hash 384  
 $H(PW, RN1)$

386 Key 1 =  $H(PW, RN1)$

Key 1 =  $H(PW, RN1)$  388

Generate RN2 390

Send RN2 392

394 calculate hash  
 $H(PW, RN2)$

calculate hash 396  
 $H(PW, RN2)$

400 Key 2 =  $H(PW, RN2)$

Key 2 =  $H(PW, RN2)$  398

Modify Task Structure 402

Fig 11b

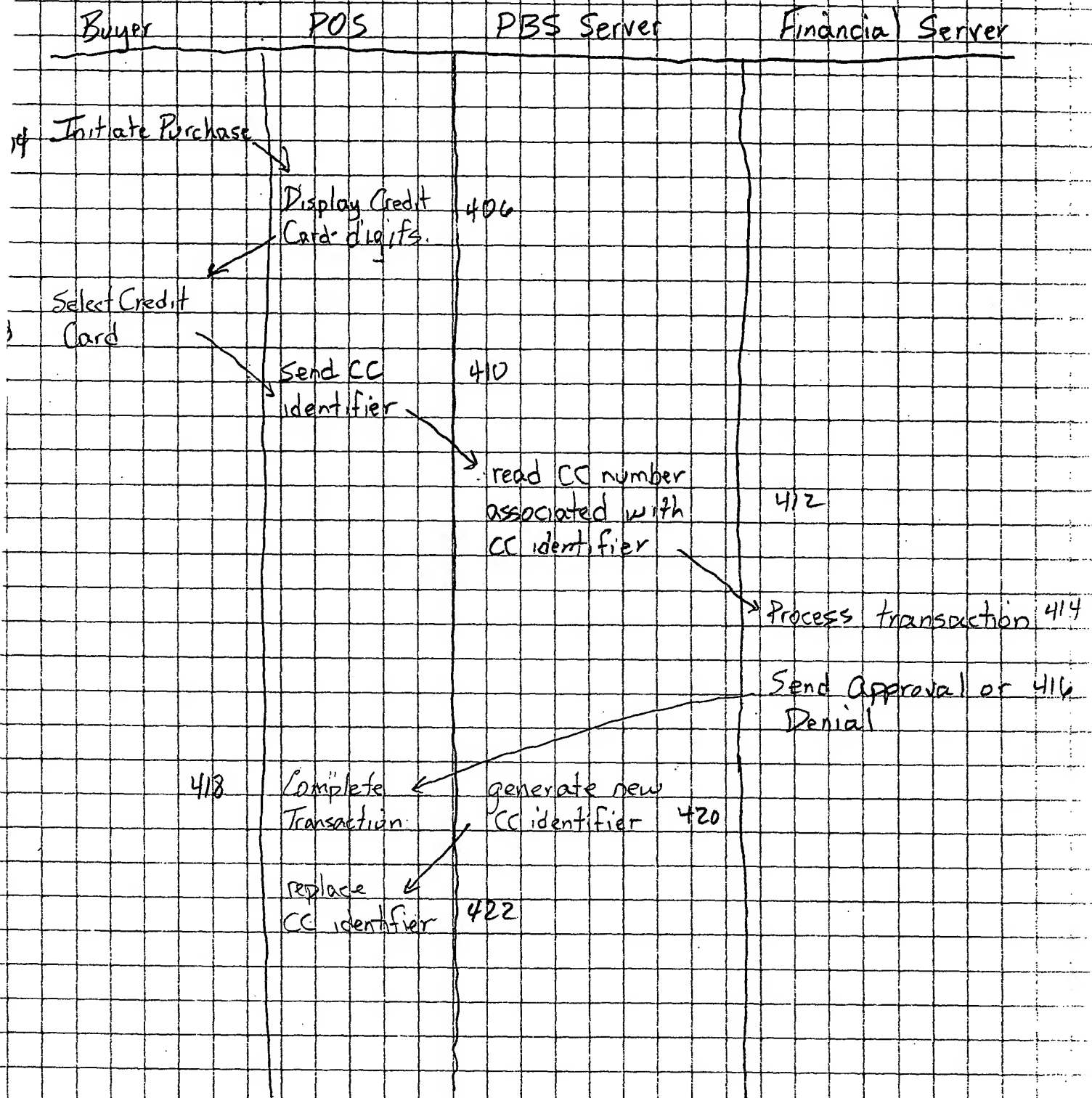
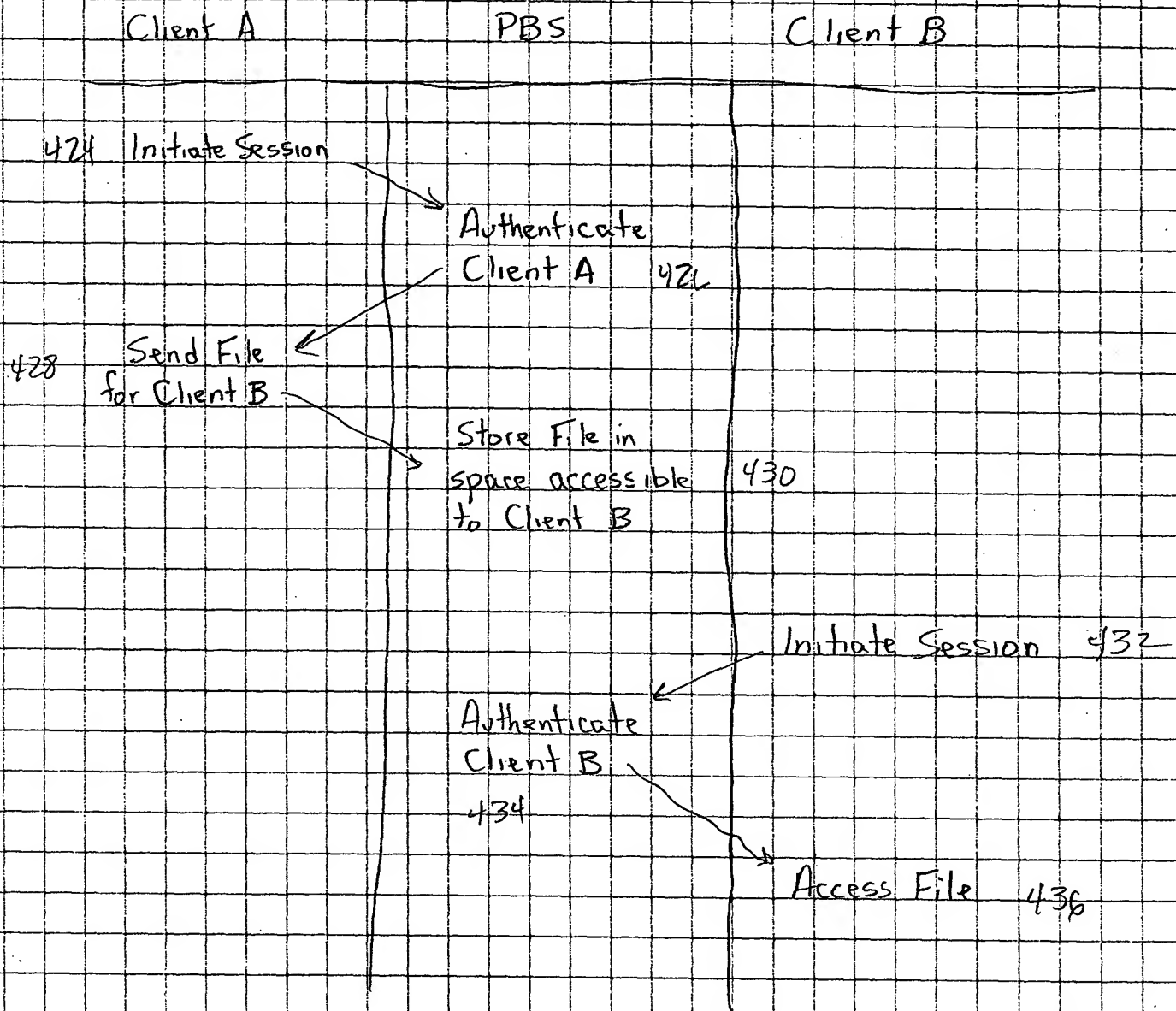


Fig 17



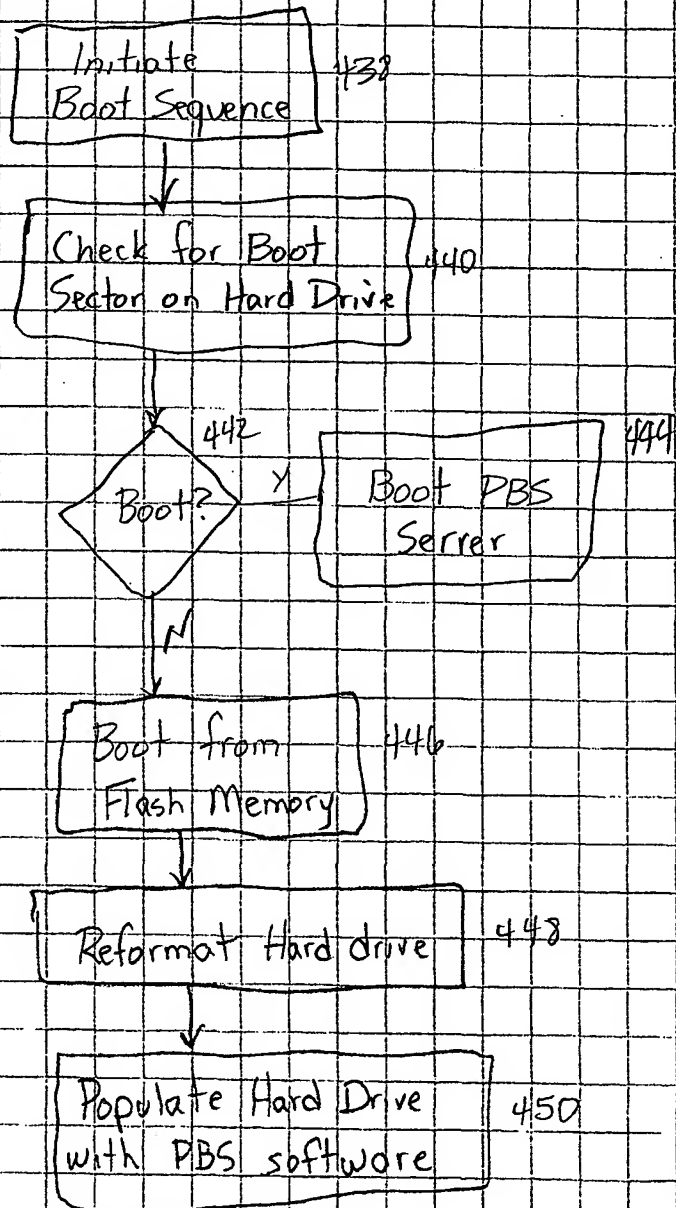


Fig 18